

DASHBOARD ON ADOLESCENT SEXUAL HEALTH IN MICHIGAN

Prevention efforts have helped Michigan's overall teen birth rate drop lower than the national average. However, teen birth rates among African-Americans are still higher than national rates. Another area of concern is the significant decline in condom usage among sexually active adolescents.

KEY INDICATORS



Michigan



United States



behavioral health among high school students	year	metric	5-year trend	year	metric	5-year trend
students who have ever had sex	2017	38.3% ¹	↔	2017	39.5% ²	↓
students who have had recent sex (past 3 months)	2017	28.3% ¹	↔	2017	28.7% ²	↓
students who have had recent sex and used a condom	2017	49.3% ¹	↓	2017	53.8% ²	↓
African-American students who have had recent sex (past 3 months)	2017	35.1% ¹	↔	2017	31.4% ²	↓
Hispanic students who have had recent sex (past 3 months)	2017	32.4% ¹	↔	2017	29.2% ²	↓
White students who have had recent sex (past 3 months)	2017	26.8% ¹	↔	2017	28.8% ²	↓
students who have ever been physically forced to have sexual intercourse that they did not want	2017	9.7% ¹	↔	2017	7.4% ²	↔
teen births	year	metric	5-year trend	year	metric	5-year trend
teen birth rate per 1,000 15-19-year-old females	2017	16.4 ³	↓	2017	18.8 ⁴	↓
teen birth rate per 1,000 15-19-year-old African-American females	2017	31.9 ³	↓	2017	27.5 ⁴	↓
teen birth rate per 1,000 15-19-year-old Hispanic females	2017	26.3 ³	↓	2017	28.9 ⁴	↓
teen birth rate per 1,000 15-19-year-old White females	2017	11.3 ³	↓	2017	13.2 ⁴	↓
infant mortality per 1,000 infants born to mothers <20 years old	2017	9.0 ⁵	↔	2016	8.7 ⁶	↔
repeat births to 15-19-year-old mothers	2017	15.9% ³	↔	2017	16.7% ⁶	↓
premature births to 15-19-year-old mothers	2017	10.6% ³	↑	2017	13.7% ⁶	↔
low birthweight births to 15-19-year-old mothers	2017	10.7% ³	↑	2017	9.9% ⁶	↑

↑↓ statistically significant trend (worsening) ↑↓ statistically significant trend (improving) ↔ no trend

- Centers for Disease Control and Prevention (CDC). Youth Online. 2017 Michigan High School Youth Risk Behavior Survey Data. <https://nccd.cdc.gov/Youthonline/App/Results.aspx?LID=MI>
- Centers for Disease Control and Prevention (CDC). Youth Online. 2017 National High School Youth Risk Behavior Survey Data. <https://nccd.cdc.gov/Youthonline/App/Results.aspx?LID=XX>
- 2017 Michigan Resident Birth File. Division for Vital Records & Health Statistics, Michigan Department of Health and Human Services.
- Martin JA, Hamilton BE, Osterman MJK. Births in the United States, 2017. NCHS Data Brief, no. 318. Hyattsville, MD: National Center for Health Statistics. 2018.
- Michigan Infant Death Statistics January 1 through December 31, 2017. Lansing, MI: Division for Vital Records & Health Statistics, Michigan Department of Health & Human Services. 2018.
- US Department of Health & Human Services (US DHHS), Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), Division of Vital Statistics. CDC WONDER Online Database, October 2018. <http://wonder.cdc.gov/nativity-current.html>

DASHBOARD ON ADOLESCENT SEXUAL HEALTH IN MICHIGAN

There have been no significant changes over the past five years for rates of sexually transmitted infections (STIs) and HIV among Michigan adolescents.

KEY INDICATORS



Michigan



United States



STIs among adolescents	year	metric	5-year trend	year	metric	5-year trend
cases of chlamydia among 15-19-year-olds	2017	15,034 ⁸	↔	2016	407,230 ⁹	↔
chlamydia rate per 100,000 15-19-year-olds	2017	2,273.3 ⁸	↔	2016	1,929.2 ⁹	↔
chlamydia rate per 100,000 African-American 15-19-year-olds	2016	4,376.6 ⁹	↔	2016	4,498.9 ⁹	↔
chlamydia rate per 100,000 Hispanic 15-19-year-olds	2016	1,007.8 ⁹	↔	2016	1,062.9 ⁹	↔
chlamydia rate per 100,000 White 15-19-year-olds	2016	821.3 ⁹	↔	2016	856.3 ⁹	↔
cases of gonorrhea among 15-19-year-olds	2017	3,264 ⁸	↔	2016	80,172 ⁹	↔
gonorrhea rate per 100,000 15-19-year-olds	2017	493.5 ⁸	↔	2016	379.8 ⁹	↔
gonorrhea rate per 100,000 African-American 15-19-year-olds	2016	1,368.6 ⁹	↔	2016	1,404.4 ⁹	↔
gonorrhea rate per 100,000 Hispanic 15-19-year-olds	2016	123.3 ⁹	↔	2016	170.8 ⁹	↓
gonorrhea rate per 100,000 White 15-19-year-olds	2016	86.0 ⁹	↔	2016	116.5 ⁹	↔
HIV among adolescents [†]	year	metric	5-year trend	year	metric	5-year trend
new HIV diagnosis rate per 100,000 13-19-year-olds	2017	4.6 ¹⁰	—	2013	6.5 ⁹	—
percentage of 13-19-year-old males with new HIV diagnosis who have sex with other males [‡]	2017	69% ¹⁰	—	2017	93% ⁹	—
percentage of male high school students who have had sexual contact with other males and used condoms at last intercourse	2017	44.3% ¹	—	2017	52.0% ²	—
percentage of male high school students who have had sexual contact with other males and been tested for HIV	2017	29.4% ¹	—	2017	15.1% ²	—

↑↓ statistically significant trend (worsening) ↑↓ statistically significant trend (improving) ↔ no trend

[†] - Due to inconsistencies in data definitions for years reporting or inadequate numbers of years of data available, it was not possible to assess 5-year trend for any HIV indicators.

[‡]—National percentage of males who have sex with males among male youth newly diagnosed with HIV includes ages 13-24 years and may not be comparable to the Michigan reported percentage among 13-19-year-old males.

8. Michigan Sexually Transmitted Diseases Database, STD & HIV Prevention Section, Bureau of Epidemiology, Michigan Department of Health & Human Services.

9. Centers for Disease Control & Prevention. NCHHSTP AtlasPlus. Updated 2017. <https://www.cdc.gov/nchhstp/atlas/index.htm>

10. Michigan Statewide HIV Surveillance Report New Diagnoses and Prevalence Tables, 2018. HIV & STD Surveillance & Epidemiology Section, Division of Communicable Disease, Bureau of Epidemiology & Population Health, Michigan Department of Health & Human Services.